

V I R G I N I A:

BEFORE THE VIRGINIA GAS AND OIL BOARD

APPLICANT: Equitable Production Company )  
 ) VIRGINIA GAS  
 ) AND OIL BOARD  
RELIEF SOUGHT: EXCEPTION TO STATEWIDE SPACING )  
 ) LIMITATIONS PRESCRIBED BY VA. CODE ) DOCKET NO.  
 ) § 45.1-361.17(a)(2) FOR WELL ) 07/09/18-2019  
 ) V-504600 )  
 )  
LEGAL DESCRIPTION: )  
 )  
 )  
 ) DRILLING UNIT SERVED BY WELL NUMBERED )  
 ) V-504600 TO BE DRILLED IN THE LOCATION )  
 ) DEPICTED ON EXHIBIT A HERETO, )  
 ) U.S. Forest Service )  
 ) 221.14 Acre Surface Tract )  
 ) Wise QUADRANGLE, )  
 ) Gladeville MAGISTERIAL DISTRICT, )  
 ) Wise COUNTY, VIRGINIA )  
 ) (the "Subject Lands" are more particularly )  
 ) described on Exhibit "A" attached hereto )  
 ) and made a part hereof )  
 )

REPORT OF THE BOARD

FINDINGS AND ORDER

1. Hearing Date and Place: This matter came on for hearing before the Virginia Gas and Oil Board (hereafter "Board") at 9:00 a.m. on September 18, 2007, Southwest Virginia Higher Education Center on the campus of Virginia Highlands Community College, Abingdon, Virginia.
2. Appearances: James E. Kaiser appeared for the Applicant.
3. Jurisdiction and Notice: Pursuant to Va. Code § 45.1-361.1 et seq., the Board finds that it has jurisdiction over the subject matter. Based upon the evidence presented by Applicant, the Board also finds that the Applicant has (1) exercised due diligence in conducting a meaningful search of reasonably available sources to determine the identity and whereabouts of each gas and oil owner, coal owner, or mineral owner having an interest in Subject Drilling Unit underlying and comprised of Subject Lands; (2) has represented to the Board that it has given notice to those parties (hereafter sometimes "person(s)" whether referring to individuals, corporations, partnerships, associations, companies, businesses, trusts, joint ventures or

other legal entities) entitled by Va. Code § 45.1-361.19 to notice of this application; and (3) that the persons set forth in Exhibit B hereto have been identified by Applicant as owners of Gas interests underlying Subject Drilling Unit, including those who have not heretofore leased, sold or voluntarily agreed with the Applicant to pool their Gas interests in Subject Drilling Unit. Further, the Board has caused notice of this hearing to be published as required by Va. Code § 45.1-361.19.B. Whereupon, the Board hereby finds that the notices given herein satisfy all statutory requirements, Board rule requirements and the minimum standards of state due process.

4. Amendments: **None.**

5. Dismissals: **None.**

6. Relief Requested: Applicant requests (1) an exception to the statewide spacing limitations set forth in Va. Code § 45.1-361.17 for Well No. V-504600.

7. Relief Granted: The requested relief in this cause be and hereby is granted. The Board hereby grants Applicant consent to permit and drill proposed Well No. **V-504600**, **2188** feet from existing Well No. **V-504601** at the location depicted on the Plat attached hereto.

8. Special Findings: The Board specifically and specially finds:

8.1 Applicant is **Equitable Production Company** a West Virginia Corporation. Applicant is duly authorized and qualified to transact business in the Commonwealth of Virginia;

8.2 Applicant **Equitable Production Company** is an operator in the Commonwealth of Virginia and has satisfied the Board's requirements for operations in Virginia;

8.3 Applicant claims ownership of Conventional Gas leases of **100%** percent of Subject Drilling Unit and the right to explore for, develop and produce Gas from same, i.e., Well No. **V-504600** as well as from reciprocal well, i.e., Well No. **V-504601**.

8.4 The proposed Well **V-504600** is located on a surface, coal, oil and gas tract consisting of **221.14** acres known as **U.S. Forest Service Tract**, and the surface, coal, gas and oil owner has consented to the proposed location for Well **V-504600** that is depicted on the Plat attached hereto as Exhibit A;

8.5 The Applicant testified it has the right to operate and develop the reciprocal Well **V-504601** and that the granting of the application filed herein will not impact the correlative rights of any person;



- 8.6 An exception to the well spacing requirements of Va. Code § 45.1-361.17 for Well V-504600 is necessary to efficiently drain a portion of the common sources of supply (reservoir) underlying Subject Drilling Unit, and the Board's granting of the requested location exception is in the best interest of preventing the waste of 300 million cubic feet of Conventional Gas underlying Subject Drilling Unit, and to generally effect the purposes of the Virginia Gas and Oil Act;
- 8.7 Applicant proposes the drilling of Well No. V-504600 to a depth of 4838 feet on the Subject Drilling Unit at the location depicted in Exhibit A to produce all the Mississippian and Devonian age formations including, but not limited to, Base Lee Sands, Ravencliff, Maxon, Little Lime, Big Lime, Top Weir, Base Weir, Sunbury, Berea, Cleveland, Upper Huron, Middle Huron, Lower Huron and Olentangy, from surface to a total depth of 4838 feet (Subject Formations");
- 8.8 Applicant proposes to drill Well V-504600 a distance of 312 feet closer to Gas Well V-504601, than the 2500 feet mandated by statewide spacing;
- 8.9 Applicant proposes to complete and operate Well V-504600 for the purpose of producing Conventional Gas;
- 9 Mailing Of Order And Filing Of Affidavit: Applicant or its Attorney shall file an affidavit with the Secretary of the Board within sixty (60) days after the date of receipt of this Order stating that a true and correct copy of said Order was mailed within seven (7) days from the date of receipt of this Order to each person pooled by this Order whose address is known.
10. Availability of Unit Records: The Director shall provide all persons not subject to a lease with reasonable access to all records for Subject Drilling Unit which are submitted by the Unit Operator to said Director and/or his Inspector(s).
11. Conclusion: Therefore, the requested relief and all terms and provisions set forth above be and hereby are granted and IT IS SO ORDERED.
12. Appeals: Appeals of this Order are governed by the provisions of Va. Code Ann. § 45.1-361.9 which provides that any order or decision of the Board may be appealed to the appropriate circuit court. Such appeals must be taken in the manner prescribed in the Administrative Process Act, Va. Code Ann. § 9-6.14:1 et seq. and Rule 2A of the Rules of the Virginia Supreme Court.
13. Effective Date: This Order shall be effective on the date of its execution.

DONE AND EXECUTED this 18<sup>th</sup> day of October, 2007 by a majority of the Virginia Gas and Oil Board.

Benny R. Wampler  
Chairman, Benny R. Wampler

DONE AND PERFORMED this 18<sup>th</sup> day of October, 2007 by Order of this Board.

B. R. Wilson  
B. R. Wilson  
Principal Executive to the Staff  
Virginia Gas and Oil Board

STATE OF VIRGINIA       )  
COUNTY OF WASHINGTON )

Acknowledged on this 18<sup>th</sup> day of October, 2007, personally before me a notary public in and for the Commonwealth of Virginia, appeared Benny Wampler, being duly sworn did depose and say that he is Chairman of the Virginia Gas and Oil Board, and B. R. Wilson, being duly sworn did depose and say that he is Principal Executive to the Staff of the Virginia Gas and Oil Board, that they executed the same and was authorized to do so.

Diane J. Davis  
Diane Davis  
Notary Public 174394

My commission expires: 9/30/09



12,114'

LATITUDE 36°57' 30"

# TOTAL UNIT AREA = 112.69 ACRES

LAT. & LONG.  
(NAD 27 DECIMAL DEGREES)  
OF WELL V-504600

36.926206  
82.541440



LONGITUDE 82° 30' 00"

11.697'

LEASE NO. 223096L/ PV-753  
UNITED STATES FOREST SERVICE - Surface  
PENN VIRGINIA OIL & GAS CORPORATION - oil & gas  
PENN VIRGINIA OPERATING COMPANY, LLC - coal  
221.14 ACRES  
GAS 72.03 AC. 63.92%

LEASE NO. 245578L  
UNITED STATES FOREST SERVICE -  
surface  
MINERALS MANAGEMENT SERVICE -  
coal, oil & gas  
501.90 ACRES  
GAS 40.66 AC. 36.08%

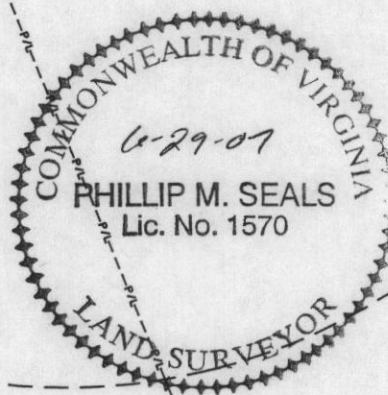
## PROPOSED WELL V-504600

N 47° 21' 24" E 131.79'  
N 16° 12' 27" W 84.59'  
PP-2 I.P. Set  
PP-1 I.P. Set

1250'

S 33° 01' 57" W  
+121.88'

Proposed  
V-504601



S 57° 37' 38" E  
+136.09'

VP-502367

### NOTE:

WELL COORDINATES ARE BASED ON CLINCHFIELD COAL COMPANY'S MINE COORDINATE SYSTEM.

STATE PLANE WELL COORDINATES & ELEVATIONS WERE DETERMINED BY GPS & TRIGONOMETRIC METHODS BASED ON BENCH MARK P-424.

PROPERTY INFORMATION PROVIDED BY EQUITABLE PRODUCTION COMPANY.

## WELL LOCATION PLAT

COMPANY EQUITABLE PRODUCTION CO.

WELL NAME OR NUMBER V-504600

TRACT NO. LEASE NO. 223096L

QUADRANGLE Wise

DISTRICT Gladeville

WELL COORDINATES (VIRGINIA STATE PLANE) N 241,136.30 E 818,990.59

ELEVATION 2555.98

METHOD USED TO DETERMINE ELEVATION: GPS & TRIG.

COUNTY Wise

SCALE: 1" = 400'

DATE 6-29-07

THIS PLAT IS A NEW PLAT ☒ ; AN UPDATED PLAT ☐ ; OR A FINAL LOCATION PLAT ☐

+ DENOTES THE LOCATION OF A WELL ON UNITED STATES TOPOGRAPHIC MAPS, SCALE 1 TO 24,000, LATITUDE AND LONGITUDE LINES BEING REPRESENTED BY BORDER LINES AS SHOWN.

*Phillip M. Seals*

LICENSED LAND SURVEYOR

(AFFIX SEAL)